

**ELECTRICAL OPTIONS/ SPECIFICATIONS**

**OUTPUT** SUPPLY  
 0.5 TO 4.5V RATIO METRIC 5V  
 SUPPLY CURRENT 12mA TYP. 20mA MAX.

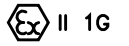
CABLE LENGTH, OPTIONS 'Lxx' OR 'Mxx', ORDERED IN cm,  
 50cm STANDARD OR AS REQUIRED, 15000cm MAX.  
 3-CORE SCREENED: 0.2mm<sup>2</sup>, Ø4mm PUR JACKET  
 CABLE/CONNECTOR CONNECTIONS\*;  
 3 CORE CONNECTOR

RED :1 +Ve  
 BLACK :3 0V  
 WHITE :2 OUTPUT  
 SCREEN :4 BODY

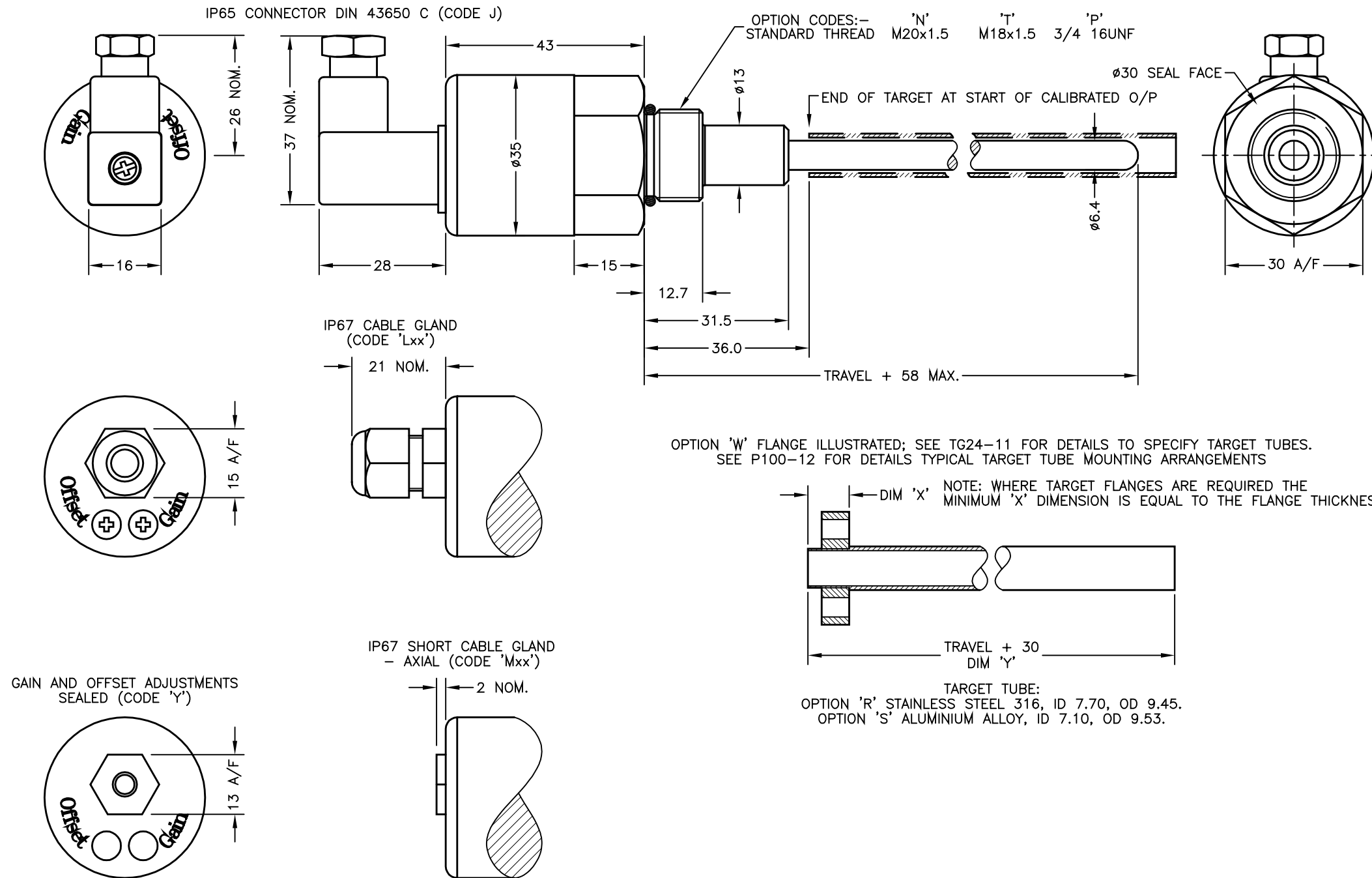
\*CONNECTORS; MAXIMUM CONDUCTOR CROSS SECTION 0.75mm<sup>2</sup>  
 RANGE OF DISPLACEMENT FROM 20mm TO 600mm,  
 IN INCREMENTS OF 1mm.

BODY MATERIAL: STAINLESS STEEL.

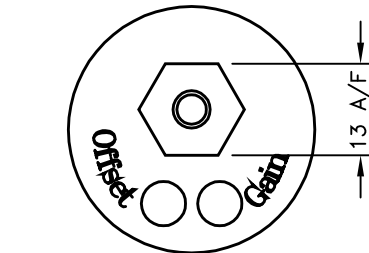
NOTE:- READ INSTALLATION SHEET X100-19  
 FOR FULL INSTRUCTIONS FOR USE.

ATEX APPROVED TO  
 II 1G  
**EEx ia IIC T4 (Ta = -40° to +80°C)**  
 Ui 11.4V, Ii 0.2A, Pi 0.51W

APPROVED FOR USE IN CONJUNCTION  
 WITH A GALVANICALLY ISOLATED BARRIER.



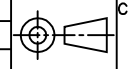
GAIN AND OFFSET ADJUSTMENTS  
 SEALED (CODE 'Y')



C	OPTIONS AMENDED	PDM
D	OPTION 'S' REINSTATED.	PDM
E	Ii 0.2A WAS 0.46A - RAN266	PDM
F	ADDITIONAL DIMS/VIEWS ADDED.	PDM

DRAWINGS NOT TO BE CHANGED WITHOUT REFERENCE TO THE CHANGE PROCEDURE.  
 CHANGES TO PARTS USED IN INTRINSICALLY SAFE PRODUCT MUST BE APPROVED  
 BY THE AUTHORISED PERSON  
 THIS IS AN UNCONTROLLED PRINT AND WILL NOT BE UPDATED.



C	16/10/06		CHECKED BY	x	±0.4
D	24/09/08		RDS	x.x	±0.2
E	21/04/10			x.xx	±0.1
F	05/07/11			DIMS	mm
DESCRIPTION		X100 INTRINSICALLY SAFE CYLINDER LINEAR POSITION SENSOR			
SCALE	10mm	DRAWING NUMBER	X100-11	REV	F
			SHEET 1 OF 1		